

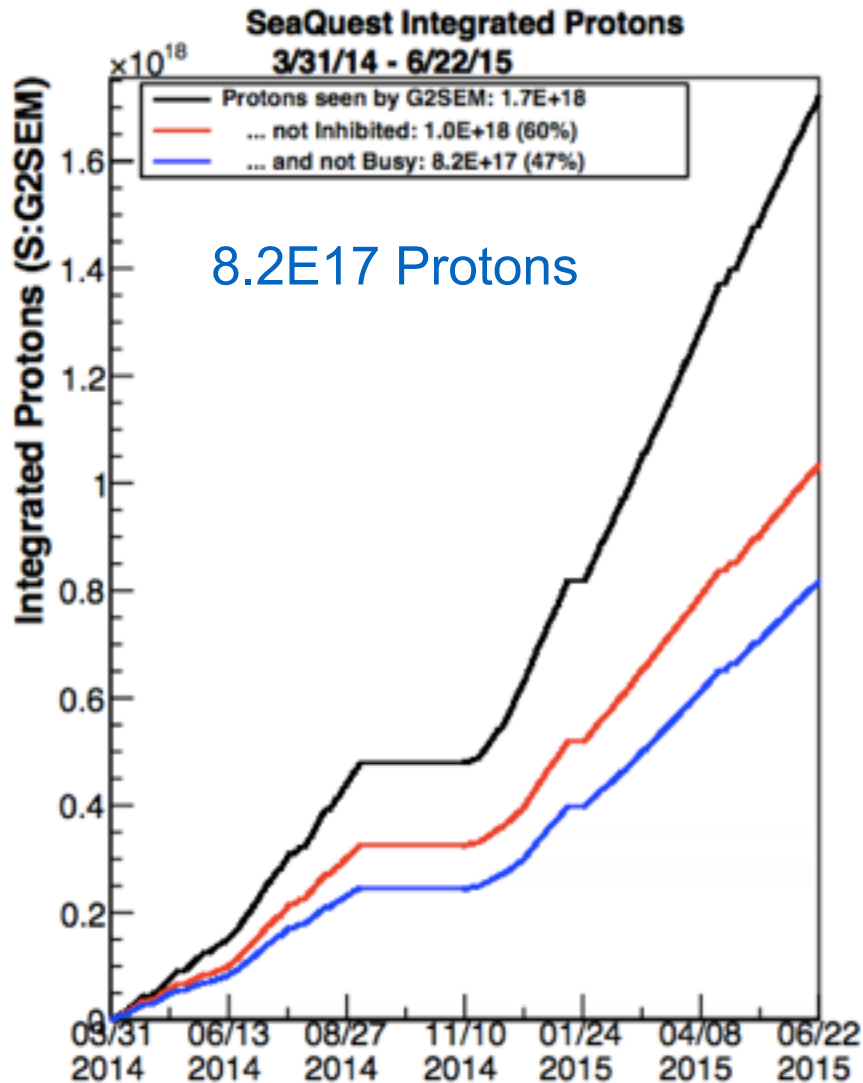
SeaQuest Status

June 15-21, 2015

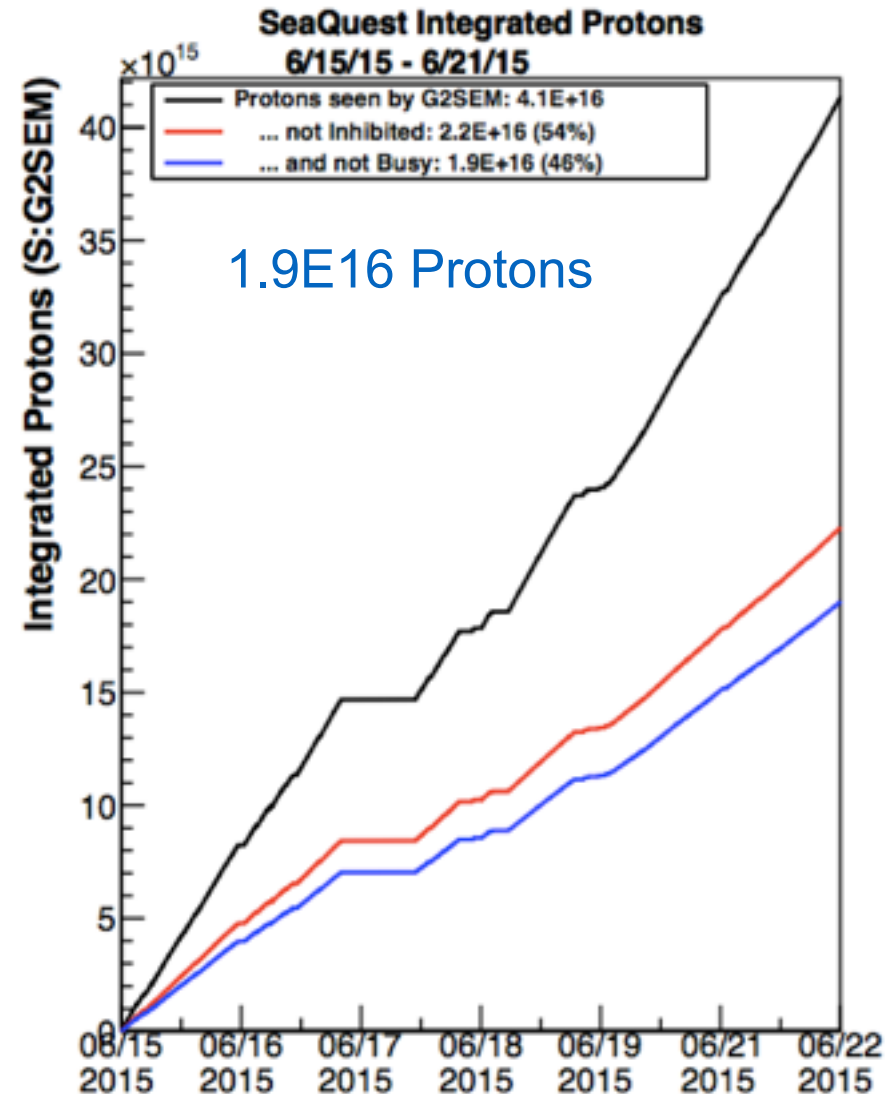
Brian Tice

June 22, 2015

Full Production Runs II+III



Previous Week



Downtime Work: NS2 Water Leak

- Magnet cooling line had a major leak in NS2
- Fixing this was planned work during the Wednesday downtime
- Trip occurred at 4am Wednesday just before downtime was to commence
 - Trip caused by low pressure due to leak
- Leak was fixed successfully during downtime
- Friday - short downtime so leak area could be checked for radiation



Downtime Work: Other

- VESDA (flammable gas detector) recalibrate
 - Needed a reset Friday morning but has been working fine since
- Crane in NM4 was inspected
- HV on auxiliary PMTs adjusted to show similar sensitivity
 - Data will be used to say if slight change in location of station 1 hodoscopes is beneficial



Downtime work: Tour! Come visit SeaQuest hall! (we don't drip as much as neutrino underground)



Other News

- ▶ High intensity beam test Saturday evening (went from $6E12 \rightarrow 7.5E12$)
 - Correlated with brief problem with Cherenkov detector readout
- ▶ All systems not mentioned working well



P.S.

► This is my last week at Fermilab

